

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	34	345/624.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:38
L2	42	345/624,651.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:42
L3	19484	(extract\$4 or separat\$4) with imag\$4 same (rotate or rotating or rotation or rotated)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:43
L4	166	(extract\$4 or separat\$4) with imag\$4 same (rotate or rotating or rotation or rotated) and (skew\$4 or tilt\$4) with document	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:44
L5	20	(extract\$4 or separat\$4) with imag\$4 with (region or area) same (rotate or rotating or rotation or rotated) and (skew\$4 or tilt\$4) with document	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:54
L6	166	(extract\$4 or separat\$4) with imag\$4 same (rotate or rotating or rotation or rotated) and (skew\$4 or tilt\$4) with document	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:55
L7	85	(extract\$4 or separat\$4) with imag\$4 with (rotate or rotating or rotation or rotated) and (skew\$4 or tilt\$4) with document	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:57

## EAST Search History

L8	0	(extract\$4 or separat\$4) with imag\$4 with (rotate or rotating or rotation or rotated) with overlap\$4 and (skew\$4 or tilt\$4) with document	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:57
L9	105	(extract\$4 or separat\$4) with imag\$4 with (rotate or rotating or rotation or rotated) with overlap\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 11:08
L10	15600	(extract\$4 or separat\$4) with imag\$4 with (align\$4 or register\$4 or match\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 11:08
L11	1323	(extract\$4 or separat\$4) with imag\$4 with (align\$4 or register\$4 or match\$4) and (tilt\$4 or skew\$4 or inclination)with (document or image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 11:09
L12	198	(extract\$4 or separat\$4) with imag\$4 with (align\$4 or register\$4 or match\$4) and (tilt\$4 or skew\$4 or inclination)with (document or image) and recognition with (character or text)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 11:10
L13	6	(extract\$4 or separat\$4) with imag\$4 with (align\$4 or register\$4 or match\$4)with overlap\$4 and (tilt\$4 or skew\$4 or inclination)with (document or image) and recognition with (character or text)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 11:12
L14	35	(extract\$4 or separat\$4) with imag\$4 with (align\$4 or register\$4 or match\$4)with overlap\$4 and (tilt\$4 or skew\$4 or inclination)with (document or image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 11:12

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S76	794	protru\$4 with image with rotat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:30
S77	88	protru\$4 with image with rotat\$4 and (tilt or skew\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:31
S78	1	protru\$4 with image with rotat\$4 with overlap\$4 and (tilt or skew\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:32
S79	1	protru\$4 with image with rotat\$4 same overlap\$4 and (tilt or skew\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:33
S80	2	protru\$4 same image with rotat\$4 same overlap\$4 and (tilt or skew\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:33
S81	2	protru\$4 same image with rotat\$4 and (tilt or skew\$4) with document	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:34
S82	49	protru\$4 with rotat\$4 and (tilt or skew\$4) with document	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:36

## EAST Search History

S83	25	protru\$4 with rotat\$4 with document and (tilt or skew\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:39
S84	46	protru\$4 with rotat\$4 with (document or image) and (tilt or skew\$4) with (document or image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:42
S85	144	overlap\$4 with rotat\$4 with (document or image) and (tilt or skew\$4) with (document or image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:45
S86	7	overlap\$4 with rotat\$4 with (document or image) with (outside or range) and (tilt or skew\$4) with (document or image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:46
S87	422	rotat\$4 with (document or image) with (outside or range) and (tilt or skew\$4) with (document or image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:46
S88	2	rotat\$4 with (document or image) with (outside or range)with original and (tilt or skew\$4) with (document or image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:47
S89	186	rotat\$4 with (document or image) with (outside or range) and (tilt or skew\$4) near4(document or image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:48

## EAST Search History

S90	3	rotat\$4 with (document or image) with (outside or range)same scanner and (tilt or skew\$4) near4(document or image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:49
S91	364	rotat\$4 with (document or image) same scanner and (tilt or skew\$4) near4(document or image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:49
S92	228	rotat\$4 near4 (document or image) same scanner and (tilt or skew\$4) near4(document or image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:51
S93	1	rotat\$4 near4 (document or image)with outside same scanner and (tilt or skew\$4) near4(document or image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 08:50
S94	64	rotat\$4 near4 (document ) same scanner and (tilt or skew\$4) near4(document )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 09:08
S95	595	rotat\$4 near4 (document ) and (tilt or skew\$4) near4(document )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 09:08
S96	1	rotat\$4 near4 (document ) with overlapp\$4 and (tilt or skew\$4) near4(document )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 09:09

## EAST Search History

S97	5	rotat\$4 with overlapp\$4 and (tilt or skew\$4) near4(document )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 09:10
S98	36	rotat\$4 with protru\$4 and (tilt or skew\$4) near4(document )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 09:14
S99	48	rotat\$4 with protru\$4 and (tilt or skew\$4 or inclination) near4(document )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 09:15
S10 0	1204	rotat\$4 with (document or image) and (tilt or skew\$4 or inclination) near4(document )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 09:17
S10 1	361	rotat\$4 with (document or image) and (tilt or skew\$4 or inclination) near4(document ) and recognition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 09:18
S10 2	256	rotat\$4 with (document or image) and (tilt or skew\$4 or inclination) near4(document ) and recognition with (text or character)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 09:47
S10 3	1	rotat\$4 with (document or image)with (los\$4 or loss or lost) and (tilt or skew\$4 or inclination) near4(document ) and recognition with (text or character)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 09:49

## EAST Search History

S10 4	9	rotat\$4 with (document or image)with (los\$4 or loss or lost) and (tilt or skew\$4 or inclination) near4(document )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 09:54
S10 5	726	rotat\$4 with (document or image)with (los\$4 or loss or lost)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 09:55
S10 6	270	rotat\$4 with (document or image)with (los\$4 or loss or lost) and (extract\$4 or recognition)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:11
S10 7	260	rotat\$4 with (document or image)with ( outside) and (extract\$4 or recognition)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:12
S10 8	14	rotat\$4 with (document or image)with ( outside) and (extract\$4 or recognition) with (text or character)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:18
S10 9	33	rotat\$4 with (document or image)with ( outside) and (extract\$4 or recognition or detect\$4) with (text or character)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:21
S11 0	168	rotat\$4 with (document or image)with ( loss or lost or losing) and (extract\$4 or recognition or detect\$4) with (text or character)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:22

## EAST Search History

S11 1	513	382/296.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:24
S11 2	23	382/296.ccls. and text with recognition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:24
S11 3	93	382/296.ccls. and (text or character) with recognition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:24
S11 4	11	382/296.ccls. and (text or character) with recognition and (loss or lost or los\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:44
S11 5	4	382/216.ccls. and (text or character) with recognition and (loss or lost or los\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:45
S11 6	0	382/216.ccls. and (text or character) with recognition with (loss or lost or los\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:45
S11 7	2	382/216.ccls. and recognition with (loss or lost or los\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:46



## EAST Search History

S11 8	28	382/216.ccls. and (full or partial or complete) with (extract or recognition or match\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:48
S11 9	5	382/216.ccls. and (extract or recognition or match\$4)with (loss or lost or los\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:49
S12 0	153	382/216.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:49
S12 1	1665	382/181.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:49
S12 2	31277	382/181.ccls. (extract or recognition or match\$4)with (loss or lost or los\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:49
S12 3	14	382/181.ccls. and (extract or recognition or match\$4)with (loss or lost or los\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:51
S12 4	29626	(extract or recognition or match\$4)with (loss or lost or los\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:51

## EAST Search History

S12 5	26	(extract or recognition or match\$4)with (loss or lost or los\$4)and rotat\$4 with document	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 10:54
S12 6	12	(extract or recognition or match\$4)with (redundant or extraneous)and rotat\$4 with document	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 11:00
S12 7	6	(extract or recognition or match\$4)with (bound\$4 with box)and rotat\$4 with document	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 11:03
S12 8	87	(extract or recognition or match\$4)with (minimum or smallest)and rotat\$4 with document	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 11:04
S12 9	10	(extract or recognition or match\$4)with (minimum or smallest) with (area or region)and rotat\$4 with document	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 11:08
S13 0	17	(extract\$4 or recognition or match\$4)with (minimum or smallest) with (area or region)and rotat\$4 with document	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 11:08
S13 1	79	superimpo\$4 with document and tilt\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 15:14

## EAST Search History

S13 2	4	superimpos\$4 with (rotate or rotating or rotated) and tilt\$4 with document	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 15:16
S13 3	4	overlap\$4 with (rotate or rotating or rotated) and tilt\$4 with document	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 09:21
S13 4	154	382/216.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 09:21
S13 5	27	382/216.ccls. and (tilt\$4 or skew\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 09:25
S13 6	346	(tilt\$4 or skew\$4) with (overlap\$4 or superimpos\$4) and recognition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 09:26
S13 7	77	(tilt\$4 or skew\$4) with (overlap\$4 or superimpos\$4) and (recognition with character)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 09:31
S13 8	4	(tilt\$4 or skew\$4) with (overlap\$4 or superimpos\$4) with (rotate or rotation or rotating or rotated) and (recognition with character)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:37


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) | [Cart](#)

Welcome United States Patent and Trademark Office

Search Results

[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "((((overlap\*&lt;in&gt;metadata))&lt;and&gt;(rotat\*&lt;in&gt;metadata)))&lt;and&gt;(recognition&lt;in&gt;meta"

e-mail

Your search matched 33 of 196 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

## » Search Options

[View Session History](#)[New Search](#)

## Modify Search

((((overlap\*&lt;in&gt;metadata))&lt;and&gt;(rotat\*&lt;in&gt;metadata)))&lt;and&gt;(recognition&lt;in&gt;meta

[Search](#)☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

## » Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

[view selected items](#) [Select All](#) [Deselect All](#)

- ☐ 1. Articulated object recognition, or: how to generalize the generalized Hou  
Beinglass, A.; Wolfson, H.J.;  
Computer Vision and Pattern Recognition, 1991. Proceedings CVPR '91., IEEE Society Conference on  
3-6 June 1991 Page(s):461 - 466  
Digital Object Identifier 10.1109/CVPR.1991.139736  
[AbstractPlus](#) | Full Text: [PDF\(536 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 2. Intelligent pattern recognition in 3D vision for robot control  
Fukuda, T.;  
Artificial Intelligence for Industrial Applications, 1988. IEEE AI '88., Proceeding International Workshop on  
25-27 May 1988 Page(s):277 - 282  
Digital Object Identifier 10.1109/AIIA.1988.13306  
[AbstractPlus](#) | Full Text: [PDF\(348 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 3. Recognition method of shape distorted objects using hierarchical feature  
Yang, J.Y.; Hu, Q.;  
Pattern Recognition, 1988., 9th International Conference on  
14-17 Nov. 1988 Page(s):894 - 896 vol.2  
Digital Object Identifier 10.1109/ICPR.1988.28393  
[AbstractPlus](#) | Full Text: [PDF\(208 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 4. Automatic Recognition of Colloquial Australian Sign Language  
Holden, Eun-Jung; Lee, Gareth; Owens, Robyn;  
Motion and Video Computing, 2005. WACV/MOTIONS '05 Volume 2. IEEE Wc  
Volume 2, Jan. 2005 Page(s):183 - 188  
Digital Object Identifier 10.1109/ACVMOT.2005.30  
[AbstractPlus](#) | Full Text: [PDF\(234 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 5. Omnifont Arabic optical character recognition system  
Kurdy, B.M.; AlSabbagh, M.M.;  
Information and Communication Technologies: From Theory to Applications, 2004 International Conference on